Patent No. 6,949563 OS-10001



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors:

Graham Michael WYNNE et al.

Patent No.:

6,949,563 BZ

Application No.:

10/752,342

Attorney Docket No.: OS-10001

Filed:

January 06, 2004

Confirmation No.:

4508

Examiner:

Susannah E. LEE

Title:

(2-CARBOXAMIDO)(3-

AMINOTHIOPHENE

COMPOUNDS

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Certificate of Corrections Branch, Commissioner for Patents, United States Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, on the date appearing below.

OSI Pharmaceuticals, Inc.

BY 1ST CLASS MAIL

Attention: Certificate of Corrections Branch

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

of Correction

REQUEST FOR EXPEDITED ISSUANCE OF CERTIFICATE OF **CORRECTION – ERROR ATTRIBUTED TO OFFICE UNDER 37 CFR 1.322**

Applicants respectfully request that an error in U.S. Patent No. 6,949,63 be made of record and that Commissioner expedite the issuance of a Certificate of Correction.

Applicants noticed a mistake in U.S. Pat. No. 6,949,563 incurred through the fault of the Patent and Trademark Office in column 34, line 20, in which the term "lunch" should have shown --lung-- instead. In order to request expedited issuance of the Certificate of Correction, Applicants provide documentation which clearly discloses in the records of the Office that supports Applicants' assertion. This is shown in a Notice of Allowability (8 pages, Paper No. 033005) mailed on April 5, 2005 in which Examiner included an Interview Summary agreeing to an Examiner's Amendment to add to claim 15 the terms "lung...cancer". The terms "lung...cancer" was included in originally presented and now canceled claim 20 which depended on claim 15.

No fee should be required for this Request for Expedited Issuance of Certificate of Correction due to error attributed to the Office; however, Commissioner is authorized to charge any deficiencies and credit any overpayment to OSI Pharmaceuticals, Inc. Deposit Account No. 50-2783.

Agent for Applicants can be reached at the telephone number and address below.

Very truly yours,

Mm7. Mywyr Kim T. Nguyen

Agent for Assignee

Registration No. 47,821

Telephone (631) 962-2089

Fax (631) 752-3880

November 4, 2005 OSI Pharmaceuticals, Inc. 58 South Service Road, Suite 110 Melville, NY 11747



Docket #: OS-10001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors:

Graham Michael WYNNE et al.

Patent No.:

6,949,563 82

Application No.:

10/752,342 Attorney Docket No.: OS-10001

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4508

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Susannah E. LEE

Title:

(2-CARBOXAMIDO)(3-AMINOTHIOPHENE COMPOUNDS

Attention: Certificate of Corrections Branch

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

1st CLASS MAIL CERTIFICATE OF MAILING under 37 CFR 1.8 FOR ABOVE IDENTIFIED APPLICATION

- 1) Request for Expedited Issuance of Certificate of Correction (2 pages)
- 2) Certificate of Correction, Form PTO/SB/44 (1 page)
- 3) Copy of Notice of Allowability mailed April 5, 2005 (8 pages)
- 4) Certificate of Mailing under 37 CFR 1.8 (1 page)
- 5) return receipt postcard

are being deposited to the United States Postal Service "1st Class Mail Post Office to Addressee" service under 37 C.F.R. §1.8 on November 4, 2005 and is addressed to Attention: Certificate of Corrections Branch, Commissioner of Patents, P.O. Box 1450, Alexandria, VA, 22313-1450.

Printed Name:

Kim T. Nguyen

Respectfully Submitted,

Registration No. 4/1,821

Agent for Applicant

OSI Pharmaceuticals, Inc. 58 S. Service Rd Suite 110

Melville, NY 11747

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. (Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION	
PATENT NO. : 6,949,563 62	Page <u>1</u> of <u>1</u>
APPLICATION NO.: 10/752,342	
ISSUE DATE : September 27, 2005	
INVENTOR(S) : Graham Michael WYNNE et al.	
It is certified that an error appears or errors appear in the above-identified patent and that is hereby corrected as shown below:	at said Letters Patent
Column 34, line 20, "lunch" should be changed tolung	
·	

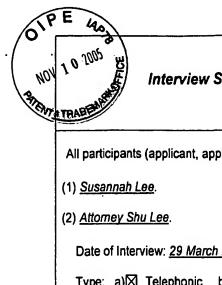
MAILING ADDRESS OF SENDER (Please do not use customer number below):

OSI Pharmaceuticals, Inc.

58 South Service Road, Suite 110, Melville, NY 11747

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

OIPE 403			
NOV 10 2005 B	Application No.	Applicant(s)	
NOV I E	10/752,342	WYNNE ET AL.	
Notice of Allowability	Examiner	Art Unit	
Notice of Allowability	Susannah Lee	1626	
The MAILING DATE of this communication appearable claims being allowable, PROSECUTION ON THE MERITS IS (therewith (or previously mailed), a Notice of Allowance (PTOL-85) on NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGORY of the Office or upon petition by the applicant. See 37 CFR 1.313	OR REMAINS) CLOSED in this apport of the appropriate communication GHTS. This application is subject to	plication. If not includ will be mailed in due	ed course. THIS
 This communication is responsive to <u>Applicant's Remarks fi</u> 	iled on 3/11/05.	•	
2. The allowed claim(s) is/are 1-15 and 21 renumbered as 1-1	<u>6</u> .	•	
The drawings filed on are accepted by the Examiner.			
4. Acknowledgment is made of a claim for foreign priority und a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). * Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE" of noted below. Failure to timely comply will result in ABANDONMETHIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 5. A SUBSTITUTE OATH OR DECLARATION must be submit INFORMAL PATENT APPLICATION (PTO-152) which gives (a) including changes required by the Notice of Draftsperson (b) including changes required by the Notice of Draftsperson (b) including changes required by the attached Examiner's Paper No./Mail Date Identifying Indicia such as the application number (see 37 CFR 1.8 each sheet. Replacement sheet(s) should be labeled as such in the cash sheet. Replacement sheet(s) should be labeled as such in the cash sheet. Replacement sheet(s) should be Replacement for the cash sheet. Replacement sheet(s) should be Replacement for the cash sheet. Replacement sheet(s) should be Replacement for the cash sheet. Replacement sheet(s) should be Replacement for the cash sheet. Replacement sheet(s) should be Replacement for the cash sheet. Replacement sheet(s) should be Replacement for the cash sheet. Replacement sheet(s) should be Replacement for the cash sheet. Replacement sheet(s) should be Replacement for the cash sheet. Replacement sheet(s) should be Replacement for the cash sheet. Replacement sheet(s) should be Replacement for the cash sheet. Replacement sheet(s) should be Replacement for the cash sheet.	been received. been received in Application No uments have been received in this of this communication to file a reply ENT of this application. Ited. Note the attached EXAMINER is reason(s) why the oath or declarate be submitted. In a Patent Drawing Review (PTO- Amendment / Comment or in the Comment or in the Comment of the drawing header according to 37 CFR 1.121(in it of BIOLOGICAL MATERIAL researce).	complying with the re 'S AMENDMENT or Nation is deficient. 948) attached Office action of the logs in the front (not the log). must be submitted.	quirements NOTICE OF
Attachment(s) 1. ☑ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08 Paper No./Mail Date 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material	5. ☐ Notice of Informal P 6. ☑ Interview Summary Paper No./Mail Dat 7. ☑ Examiner's Amendr 8. ☑ Examiner's Stateme 9. ☐ Other	(PTO-413), te <u>033005</u> . nent/Comment	·



Interview Summary

Application No.	Applicant(s)
10/752,342	WYNNE ET AL.
Examiner	Art Unit
Susannah Lee	1626

TRANS	Susannah Lee	1626	•
All participants (applicant, applicant's representative, PTO	personnel):		
(1) <u>Susannah Lee</u> .	(3)		
(2) <u>Attorney Shu Lee</u> .	(4)		
Date of Interview: 29 March 2005.			
Type: a)⊠ Telephonic b)□ Video Conference c)□ Personal [copy given to: 1)□ applicant 2	2) ☐ applicant's representative	e) .	
Exhibit shown or demonstration conducted: d) Yes If Yes, brief description:	e)□ No.		
Claim(s) discussed: <u>1-21</u> .			
Identification of prior art discussed:			
Agreement with respect to the claims f)⊠ was reached. g)□ was not reached. h)□ N	I/A.	
Substance of Interview including description of the general reached, or any other comments: In Claim 14, p. 5, line 19, 3, insert —wherein the hyperproliferative disorder is selected cancer, neck cancer, gastrointestinal cancer, leukemia, over phrase claim 1. Delete claims 16-20.	insert —and— after the semi ad from the group consisting o	colon. In Claim f breast cancer,	15, p. 5, line head
(A fuller description, if necessary, and a copy of the amend allowable, if available, must be attached. Also, where no callowable is available, a summary thereof must be attached	opy of the amendments that w	reed would render the	er the claims claims
THE FORMAL WRITTEN REPLY TO THE LAST OFFICE A INTERVIEW. (See MPEP Section 713.04). If a reply to the GIVEN ONE MONTH FROM THIS INTERVIEW DATE, OR FORM, WHICHEVER IS LATER, TO FILE A STATEMENT (Summary of Record of Interview requirements on reverse sign	last Office action has already THE MAILING DATE OF THIS OF THE SUBSTANCE OF TH	been filed, APP S INTERVIEW S	LICANT IS UMMARY
Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.	Examiner's sign	ature, if required	

Art Unit: 1626

DETAILED ACTION

Claims 1-21 are pending in this application. Claims 22-39 were canceled by supplemental amendment.

Response to Amendment/Remarks

Applicant's supplemental amendment filed on 03/11/2005 is acknowledged.

Applicant's remarks, see pages 7-11, filed 03/11/2005, with respect to Claims 1-14 have been fully considered and are persuasive. The rejections of Claims 1-14 have been withdrawn.

Examiner's Amendment

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Attorney Shu Lee on 03/29/2005.

The application has been amended as follows:

In Claim 14, p. 5, line 19, insert the word ---and--- after the semicolon at the end of the line.

In Claim 15, p. 5, line 3, insert ---wherein the hyperproliferative disorder is selected from the group consisting of breast cancer, head cancer, neck cancer, gastrointestinal cancer, leukemia, ovarian, bronchial, lunch or pancreatic cancer--- at the end of the sentence after the phrase claim 1.

Delete Claims 16-20.

Application/Control Number: 10/752,342

Art Unit: 1626

Reasons for Allowance

The present invention is directed to (2-carboxamido)-3-aminothiophene compounds as

depicted in the compound of formula (I),

. The closest prior art of record is

Wood et al. (U.S. Pat. Num. 6,187,799), which teaches similar 3-aminothiophene compounds. The difference is that in the instant application, R1 is

$$-\text{OCF,} \qquad \text{or} \qquad \text{or} \qquad \text{or} \qquad \text{and} \quad R_2 \text{ is}$$

which are not taught by the prior art. Therefore, since the

prior art does not teach or suggest the instant invention it is allowed.

In addition the present invention is directed to inhibiting c-Kit proto-oncogene using the compound of formula (I). Support for this is found in Applicant's specification and the non-patent literature applicant provided. In addition, the following journal articles provide support for applicant's intended use:

Sihto, Harri et al., "KIT and Platlet-Derived Growth Factor Receptor Alpha Tyrosine Kinase Gene Mutations and KIT Amplifications in Human Solid Tumors," Journal of Clinical Oncology, Volume 23(1), 2005, pp. 49-57.

Application/Control Number: 10/752,342 Page 4

Art Unit: 1626

Potti, Anil et al., "Immunohistochemical Determination of HER-2/neu Overexpression in Malignant Melanoma Reveals No Prognostic Value, while c-KIT Overexpression Exhibits Potential Therapeutic Implications," Journal of Carcinogenesis, Volume 2(8), 2003.

Telephone Inquiry

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Susannah Lee whose telephone number is (571) 272-6098. The examiner can normally be reached on M-F, 8am-5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph McKane can be reached on (571) 272-0699. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Susannah Lee Patent Examiner, AU 1626

Supervisory Patent Examiner

AU 1626

Date: 03/31/05



UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMINSSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450

NOTICE OF ALLOWANCE AND FEE(S) DUE

38724

7590

04/05/2005

OSI PHARMACEUTICALS, INC. 58 SOUTH SERVICE ROAD MELVILLE, NY 11747 EXAMINER

LEE, SUSANNAH E

ART UNIT

PAPER NUMBER

1626

DATE MAILED: 04/05/2005

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/752,342	01/06/2004	Graham Michael Wynne	OS-10001	4508

TITLE OF INVENTION: (2-CARBOXAMIDO)(3-AMINO)THIOPHENE COMPOUNDS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	· \$1700	07/05/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. <u>PROSECUTION ON THE MERITS IS CLOSED</u>. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block I for any change of address)			Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying			
30734 7500 04M5D005			papers. Each addit	ional paper, such as an assignmentate of mailing or transmission.	ent or formal drawing, must	
38724 7590 04/05/2005						
	EUTICALS, INC.			I hereby certify the	Certificate of Mailing or Trans	smission a deposited with the United
58 SOUTH SERVI				States Postal Servi	ce with sufficient postage for fir	st class mail in an envelope
MELVILLE, NY 1	1/4/			addressed to the transmitted to the t	at this Fee(s) Transmittal is bein ce with sufficient postage for fir Mail Stop ISSUE FEE address JSPTO (703) 746-4000, on the o	above, or being facsimile tate indicated below.
						(Depositor's name)
						(Signature)
						(Date)
APPLICATION NO.	FILING DATE	FII	RST NAMED	INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/752,342	01/06/2004	C	Graham Mich	ael Wynne	OS-10001	4508
TITLE OF INVENTION: (2	-CARBOXAMIDO)(3-AMI	NO)THIOPHENE	COMPOUNI	OS		
APPLN, TYPE	SMALL ENTITY	ISSUE FEE		PUBLICATION FEE	. TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	1	\$300	\$1700	07/05/2005
. EXAM	INED	ART UNIT	· [CLASS-SUBCLASS	¬ ·	
LEE, SUSA		1626		514-300000		
			0.5			
1. Change of correspondence CFR 1.363).		, i	•	ng on the patent front pag- es of up to 3 registered p	•	<u></u>
Change of correspond Address form PTO/SB/12	ence address (or Change of 2) attached.	Correspondence	or agents O	R, alternatively,	•	
"Fee Address" indicati	ion (or "Fee Address" Indica or more recent) attached. Use	ation form e of a Customer	registered at 2 registered	e of a single firm (having ttorney or agent) and the patent attorneys or agents me will be printed.	names of up to	
3. ASSIGNEE NAME AND	RESIDENCE DATA TO B	E PRINTED ON TH	IE PATENT	(print or type)		
PLEASE NOTE: Unless recordation as set forth in	an assignee is identified be 37 CFR 3.11. Completion	low, no assignee da of this form is NOT a	ata will appea a substitute fo	or filing an assignment.	signee is identified below, the d	locument has been filed for
(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)						
Please check the appropriate	assignee category or catego	ries (will not be print	ted on the pat	tent): 🗖 Individual 🗖	Corporation or other private gr	oup entity Government
4a. The following fee(s) are	enclosed:		Payment of F	· · /		
Issue Fee				the amount of the fee(s) is		
	mall entity discount permitte			y credit card. Form PTO-2		
Advance Order - # of	Copies		The Direct Deposit Accou	tor is hereby authorized b int Number	y charge the required fee(s), or (enclose an extra c	credit any overpayment, to opy of this form).
5. Change in Entity Status	•) _	_			
	MALL ENTITY status. See				MALL ENTITY status. See 37 C	
The Director of the USPTO i NOTE: The Issue Fee and Pu interest as shown by the reco	s requested to apply the Issuablication Fee (if required) was of the United States Pate	te Fee and Publication will not be accepted from the accepted from the and Trademark O	on Fee (if any from anyone of ffice.	or to re-apply any previon ther than the applicant; a	ously paid issue fee to the applicate registered attorney or agent; or the	ation identified above. the assignee or other party in
Authorized Signature				Date		
Typed or printed name				Registrat	ion No.	
Aickandria, Virginia 22313-1	1430.				by the public which is to file (an 12 minutes to complete, including comments on the amount of the trademark Office, U.S. Dep ESS. SEND TO: Commissioner is it displays a valid OMB control.	



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.nspta.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATIO	CONFIRMATION NO.
10/752,342	01/06/2004 Graham Michael Wynne		OS-10001	4508
38724	7590 04/05/200		EXAM	INER
	CEUTICALS, INC.		LEE, SUSANNAH E	
58 SOUTH SER MELVILLE, N			ART UNIT	PAPER NUMBER
•			1626	
			DATE MAILED: 04/05/200	5

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.